

FIG. 1
PRIOR ART

ARMSTRONG, WESTERMAN & HATTORI, LLP
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Washington, D.C. 20006
Inventor: ODAN, et al.
Docket No.: 000624A
Div. of S.N.: 09/572,254
Sheet 2 of 26

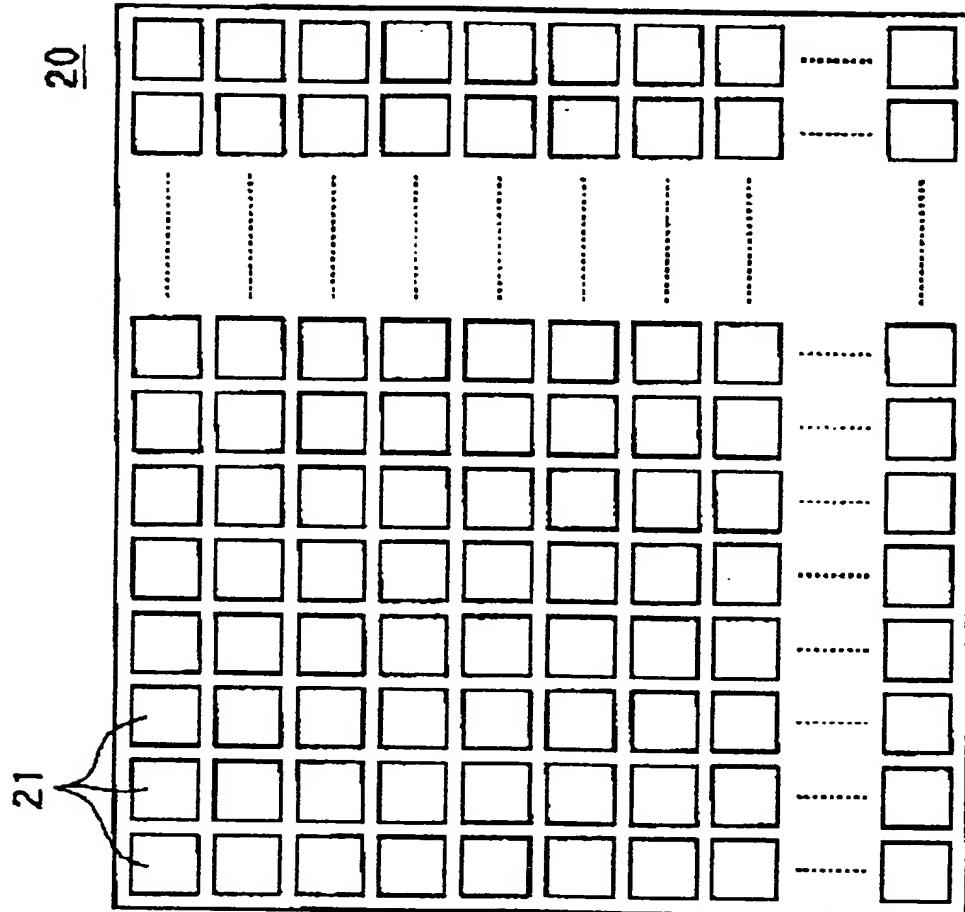


FIG. 2

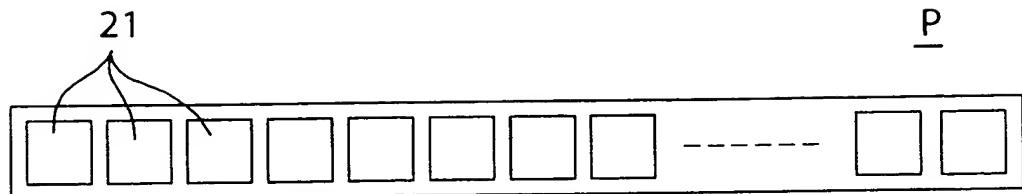


FIG. 3

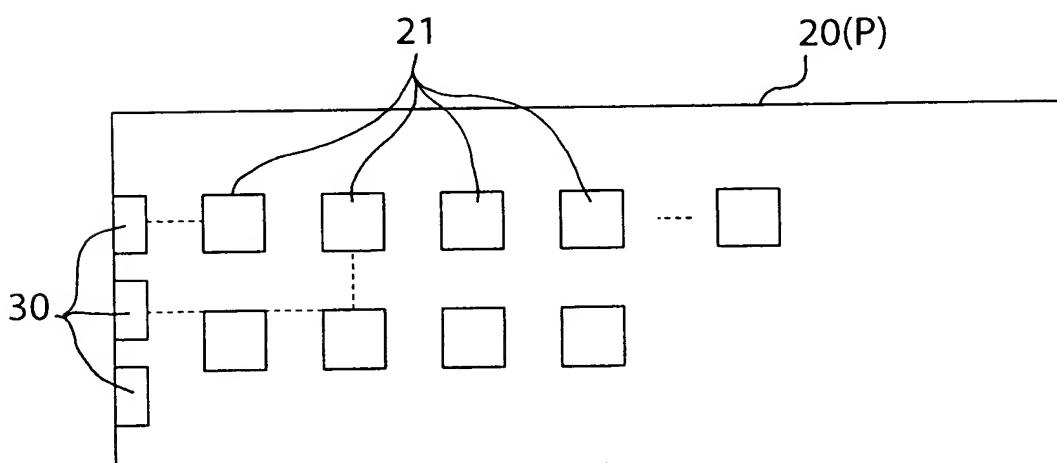
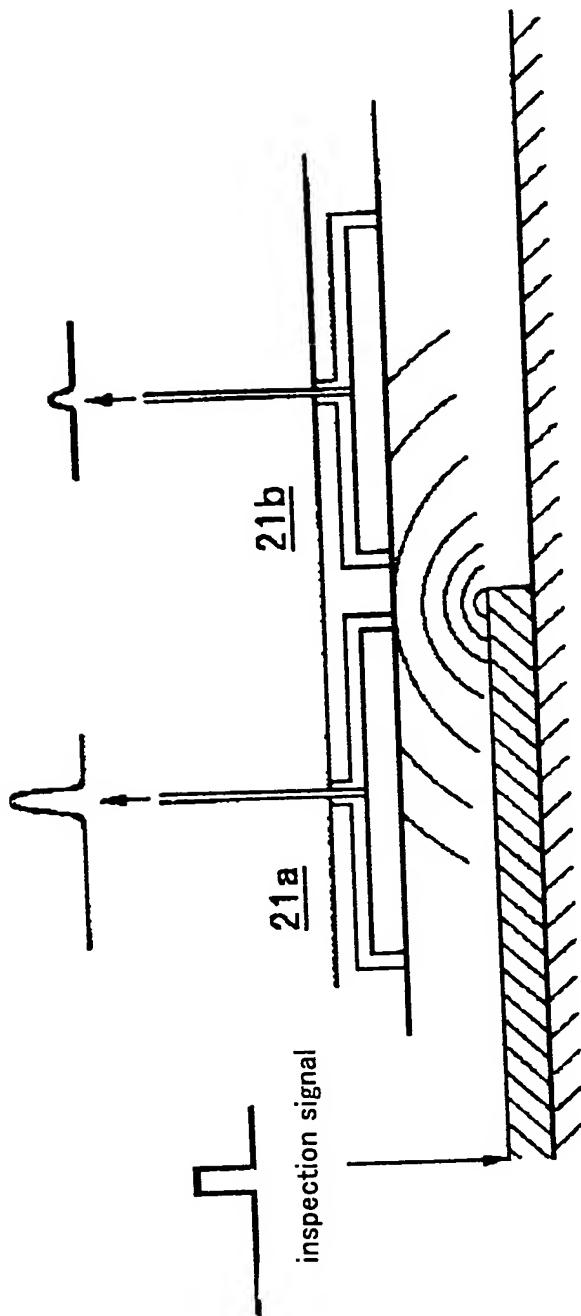


FIG. 4



F I G. 5

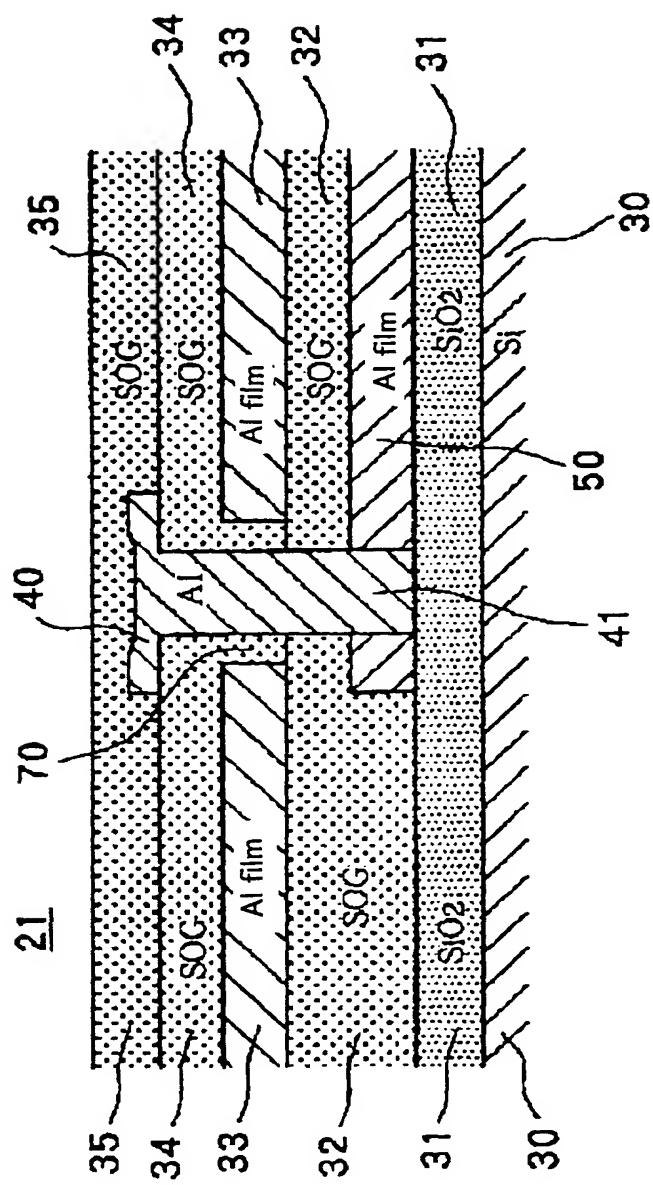


FIG. 6

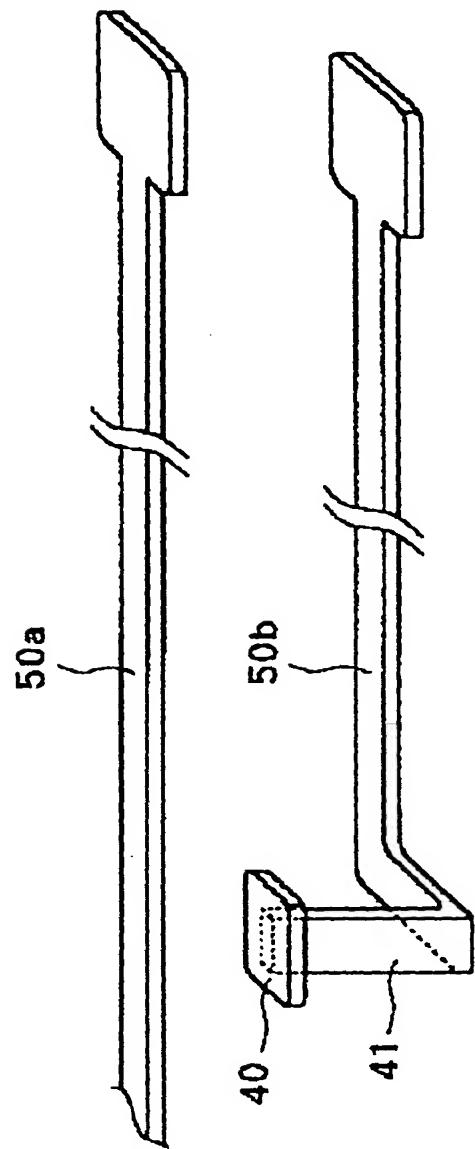


FIG. 7

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Sheet 7 of 26

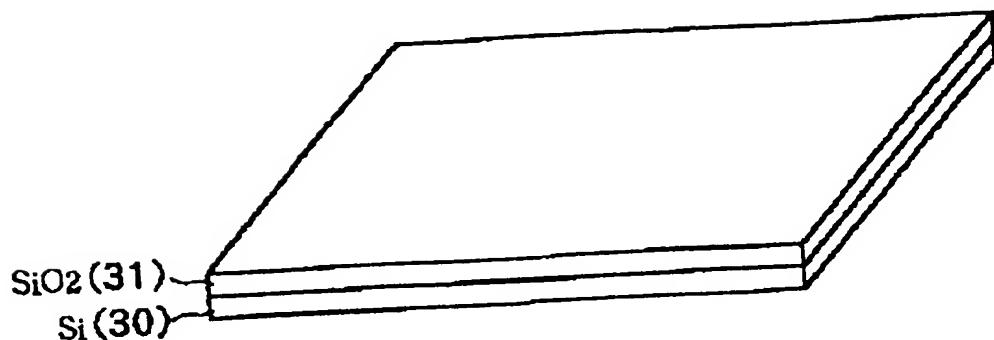


FIG. 8

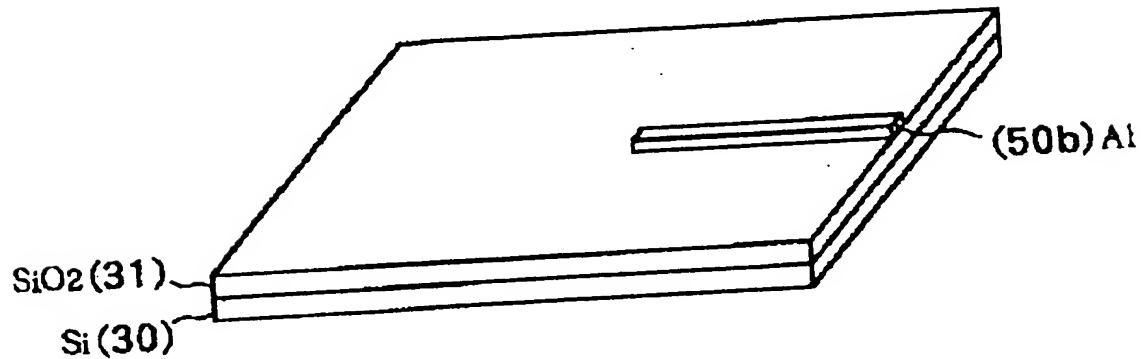


FIG. 9

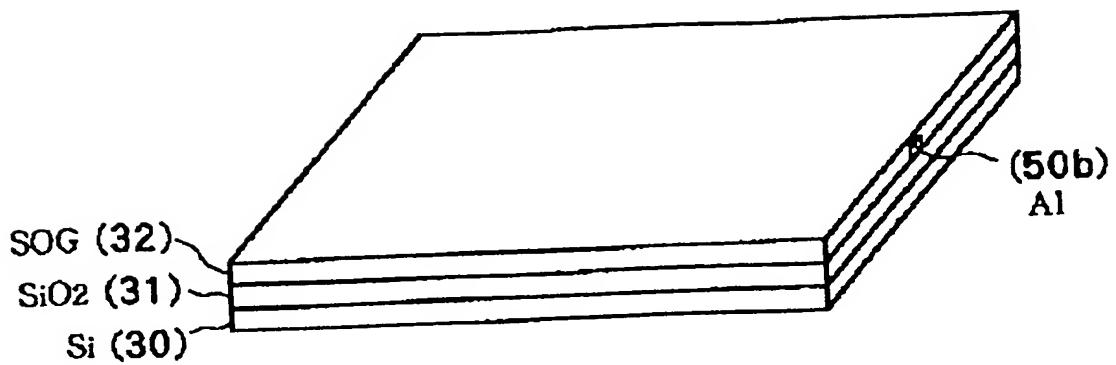


FIG. 10

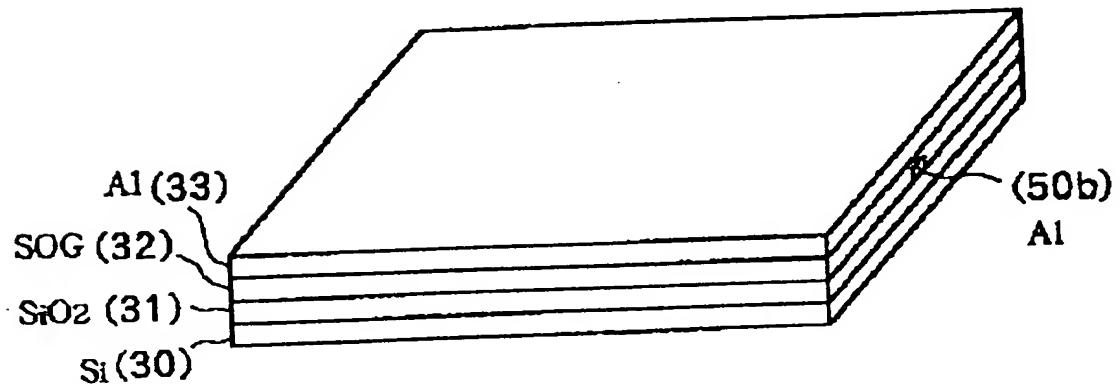
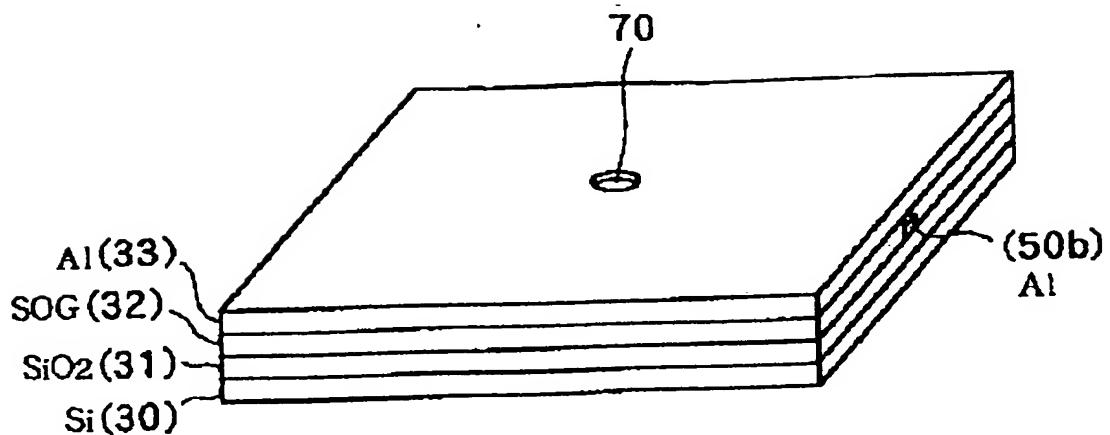
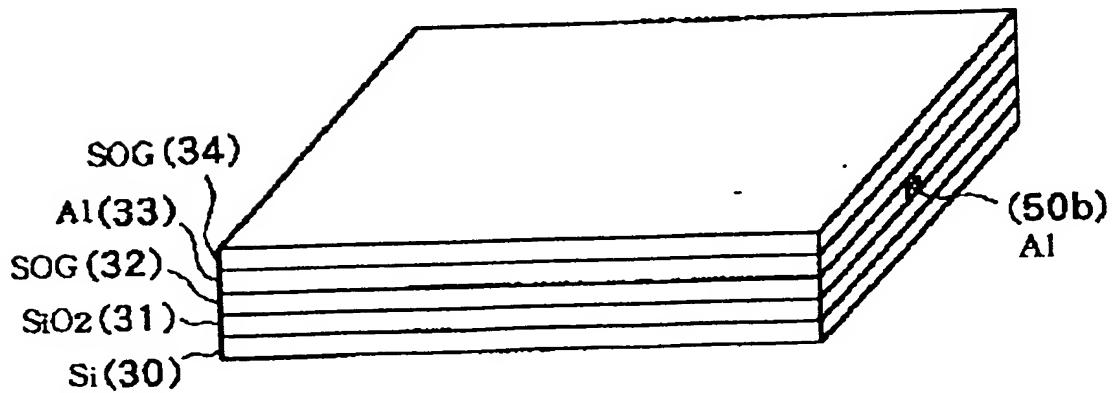


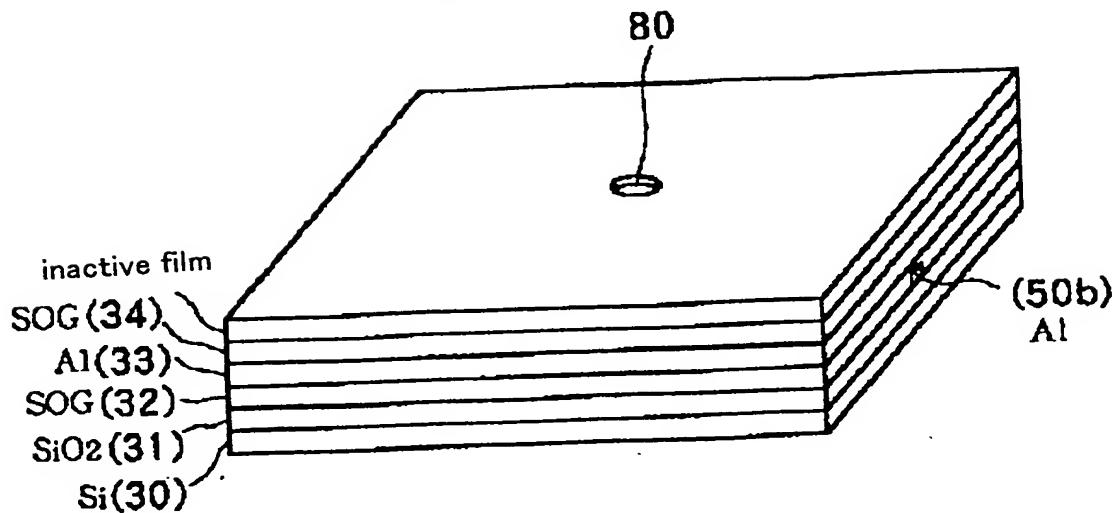
FIG. 11



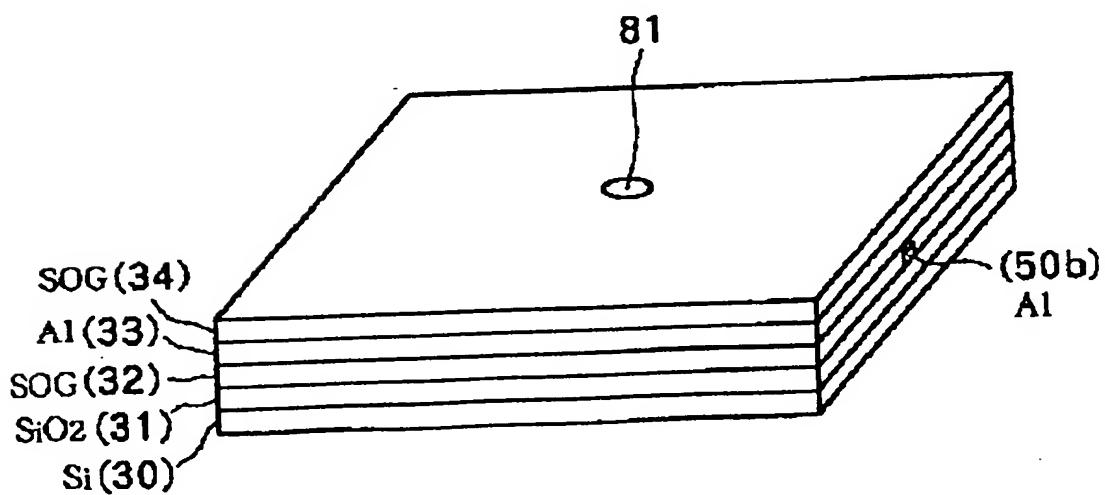
F I G. 1 2



F I G. 1 3



F I G. 1 4



F I G. 1 5

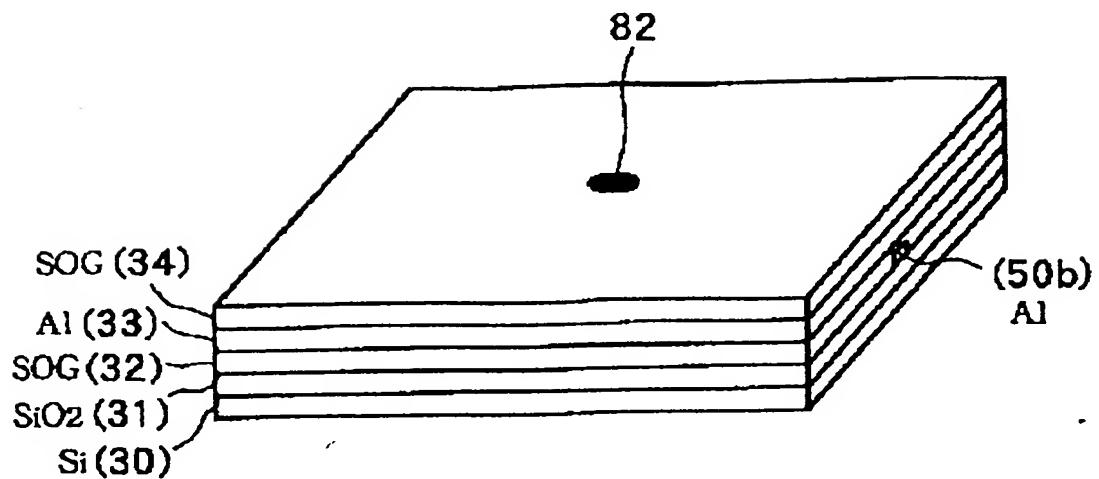
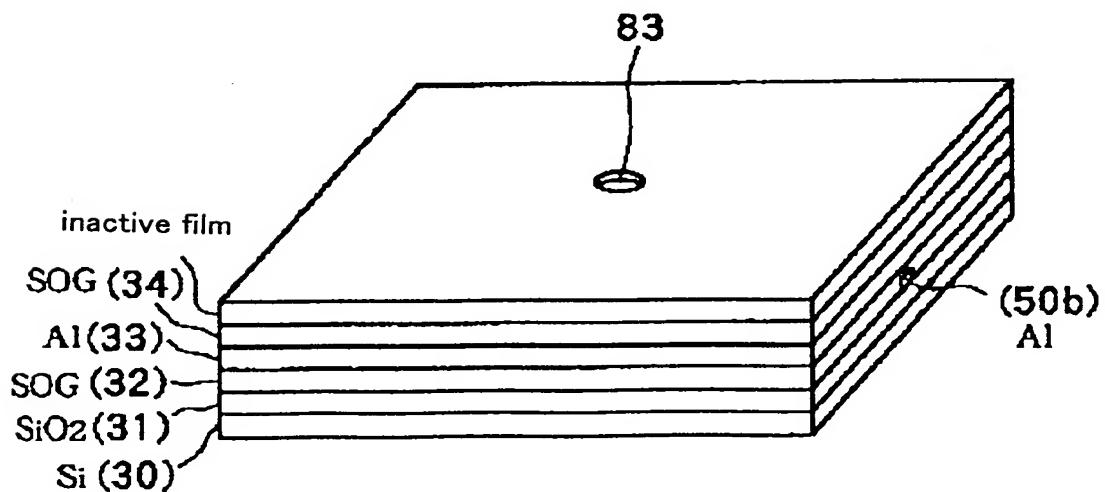


FIG. 16



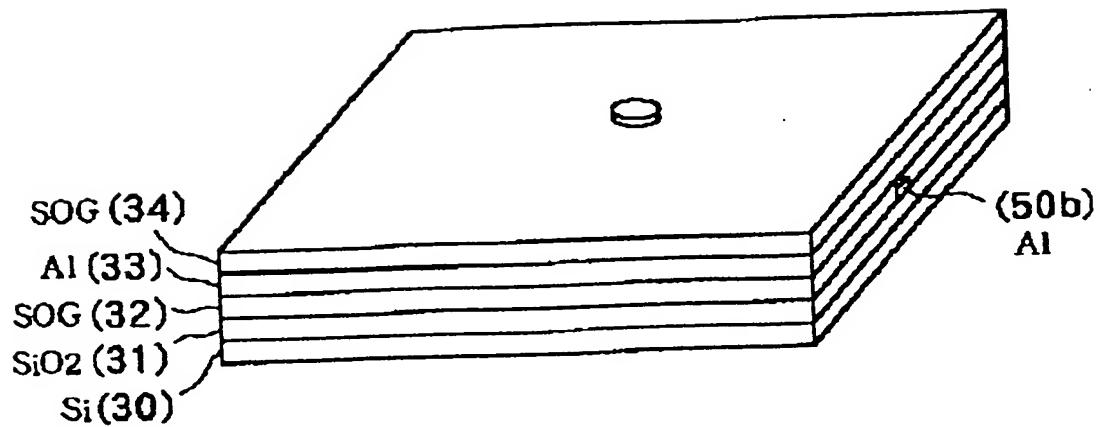


FIG. 18

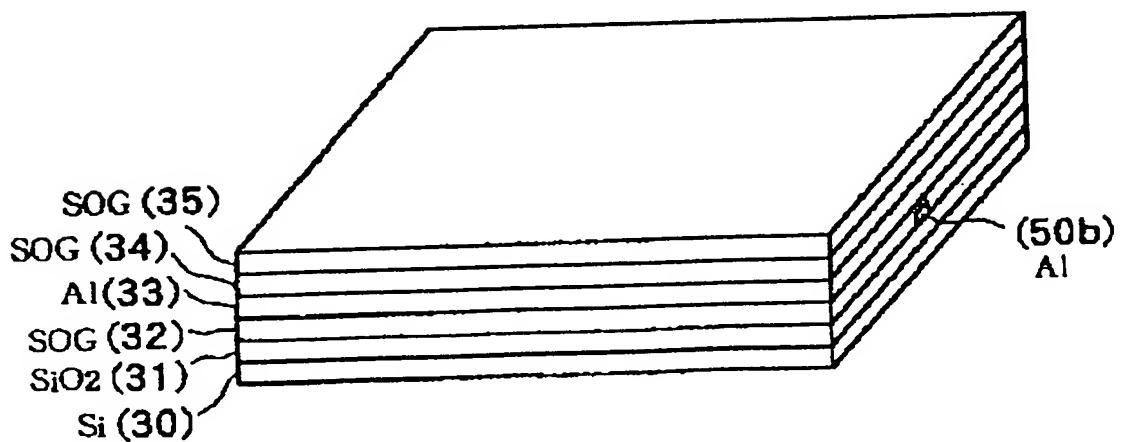
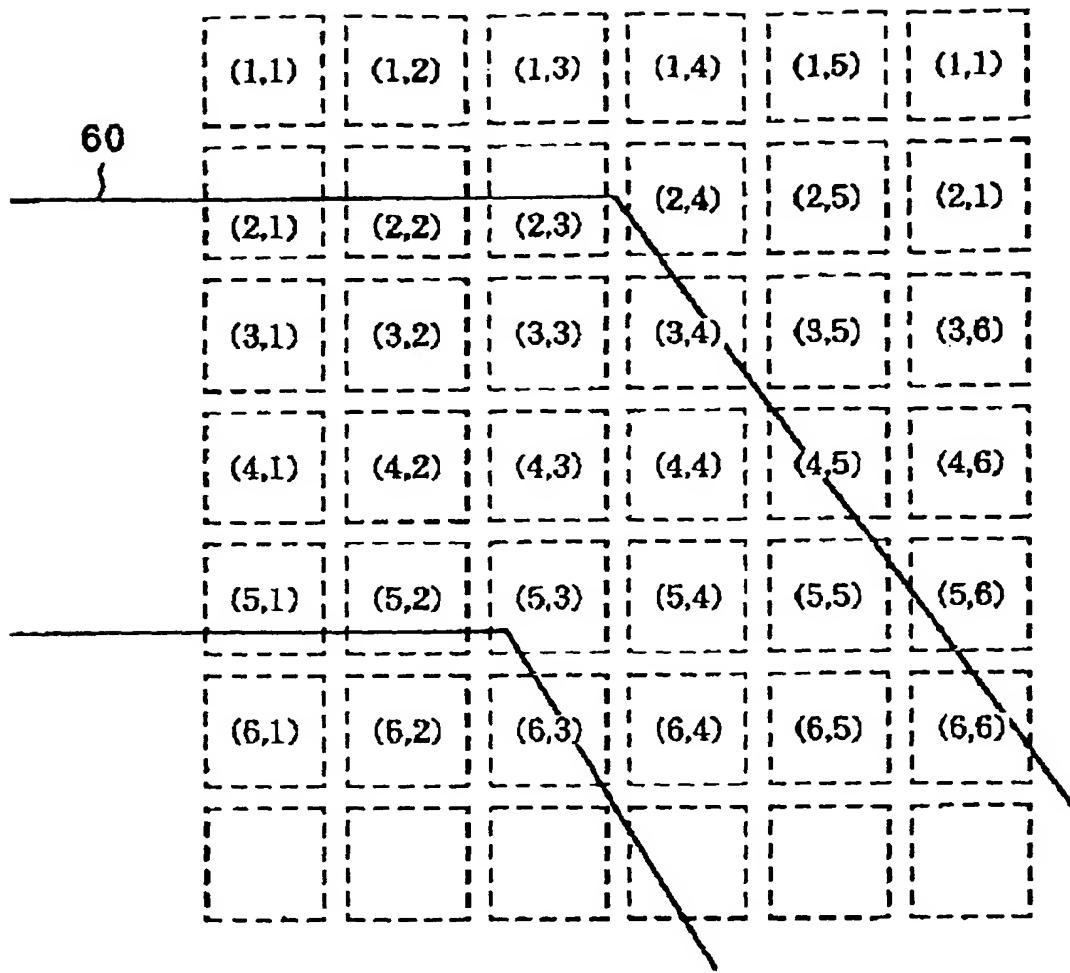


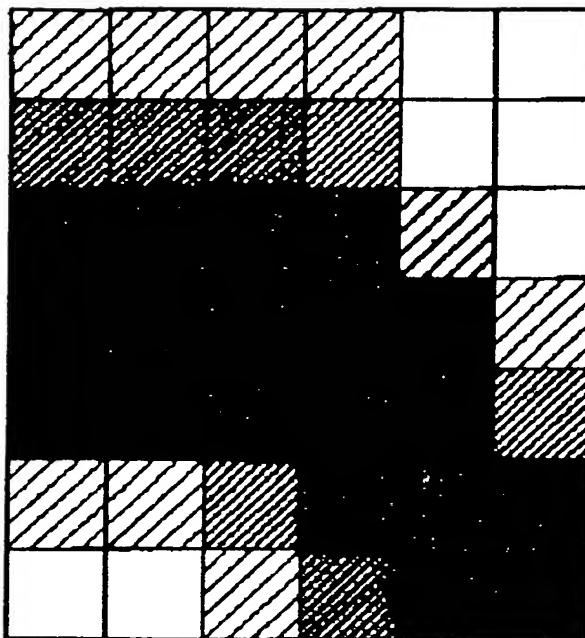
FIG. 19



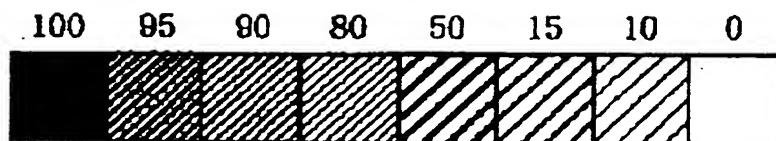
F I G. 20

10 (1,1)	10 (1,2)	10 (1,3)	10 (1,4)	0 (1,5)	0 (1,1)
95 (2,1)	95 (2,2)	95 (2,3)	90 (2,4)	0 (2,5)	0 (2,1)
100 (3,1)	100 (3,2)	100 (3,3)	100 (3,4)	15 (3,5)	0 (3,6)
100 (4,1)	100 (4,2)	100 (4,3)	100 (4,4)	99 (4,5)	10 (4,6)
100 (5,1)	100 (5,2)	100 (5,3)	100 (5,4)	100 (5,5)	90 (5,6)
10 (6,1)	10 (6,2)	90 (6,3)	100 (6,4)	100 (6,5)	100 (6,6)
0 (7,1)	0 (7,2)	10 (7,3)	95 (7,4)	100 (7,5)	100 (7,6)

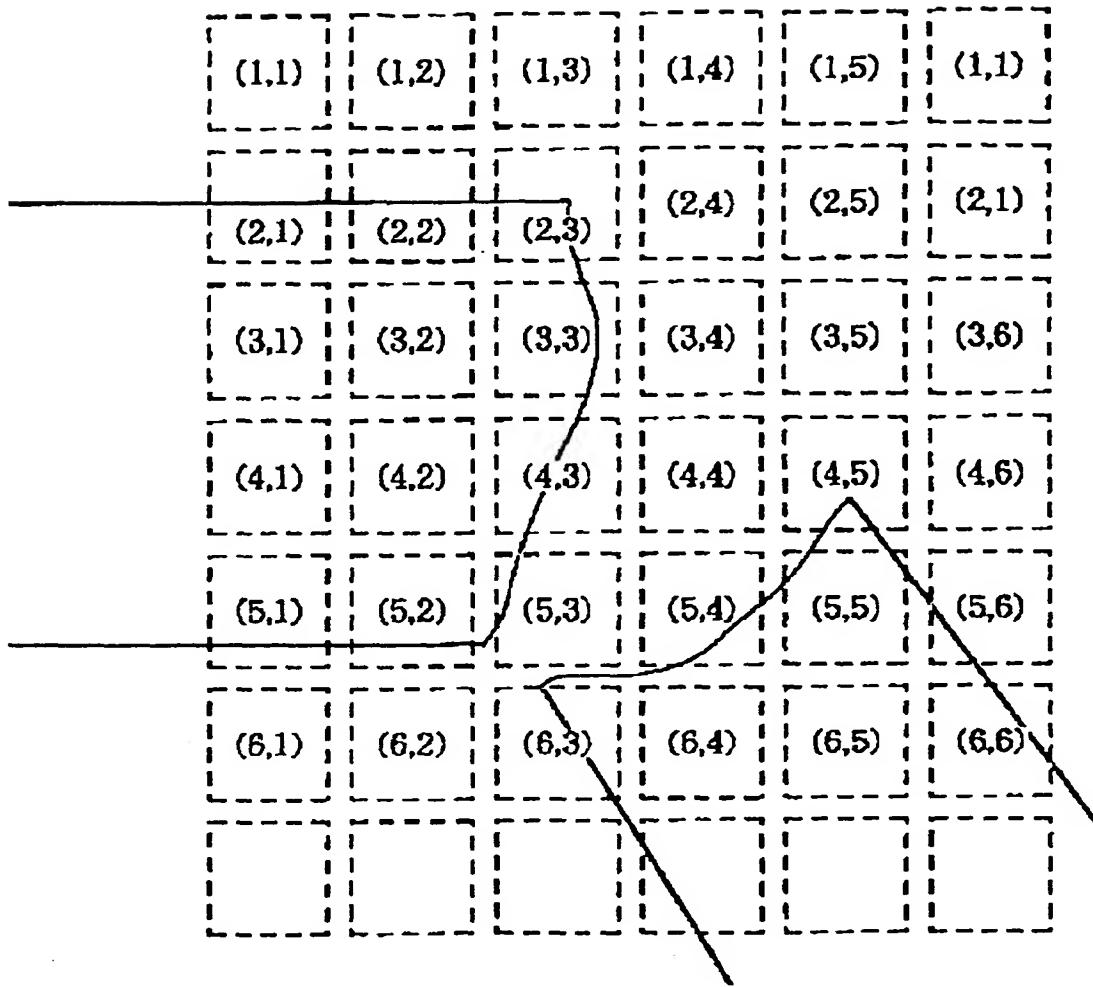
F I G. 21



probe reference number : XX
pattern reference number : YY



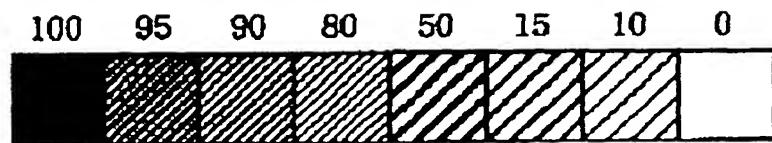
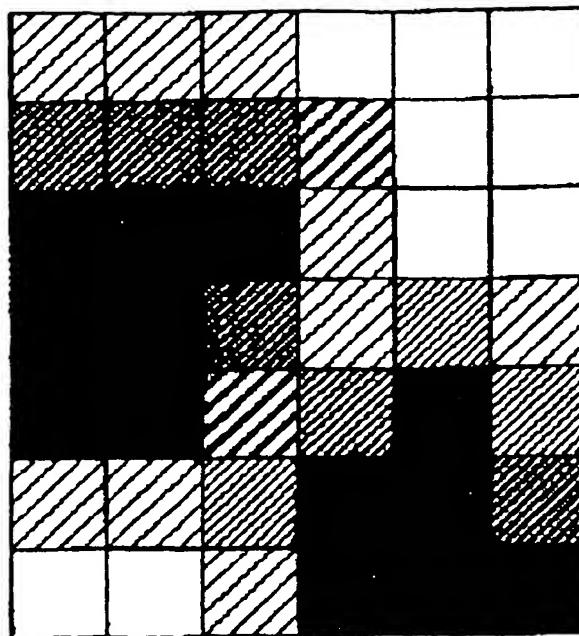
F I G. 22



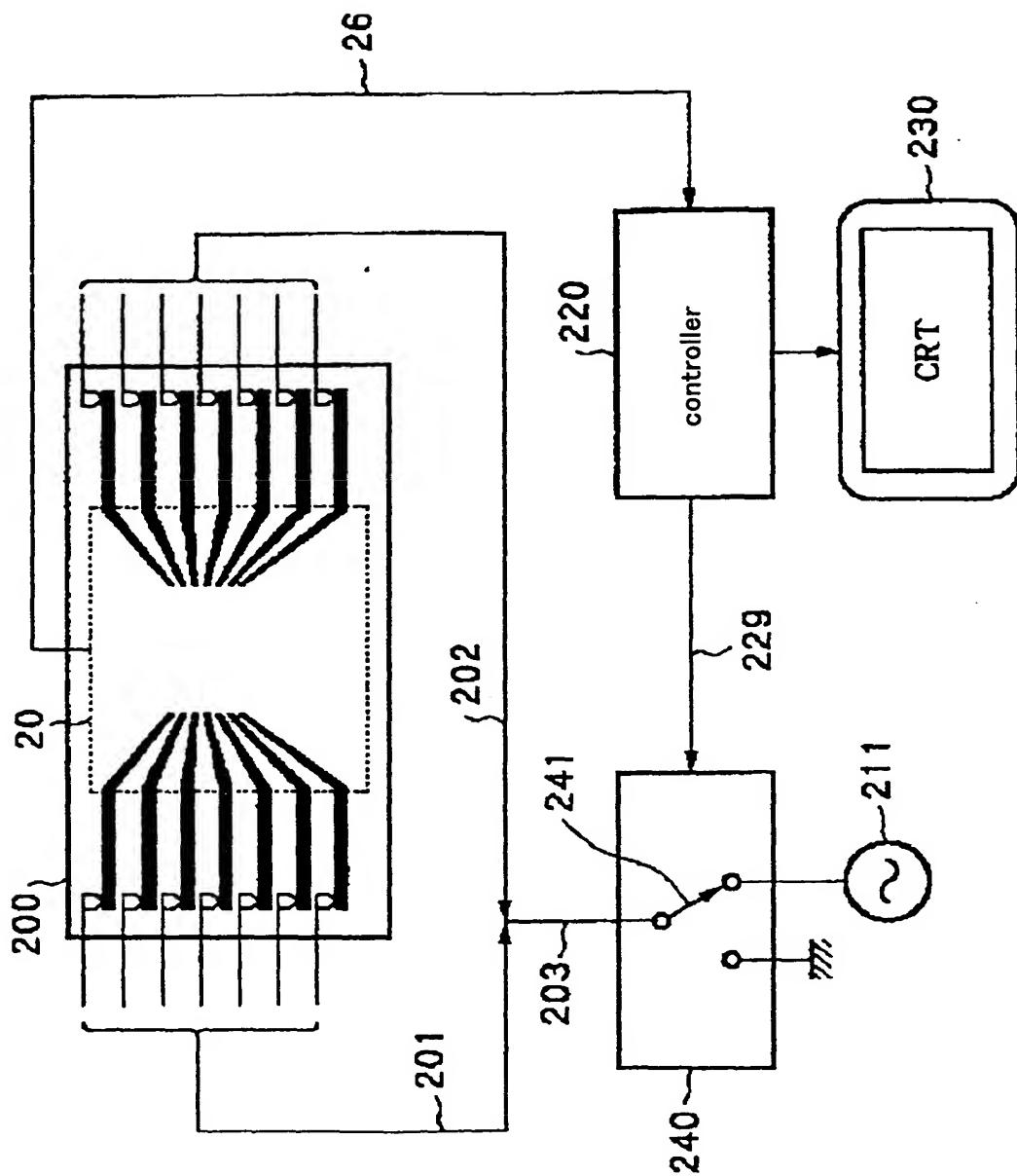
F I G. 23

10 (1,1)	10 (1,2)	10 (1,3)	0 (1,4)	0 (1,5)	0 (1,1)
95 (2,1)	95 (2,2)	95 (2,3)	5 (2,4)	0 (2,5)	0 (2,1)
100 (3,1)	100 (3,2)	100 (3,3)	10 (3,4)	0 (3,5)	0 (3,6)
100 (4,1)	100 (4,2)	95 (4,3)	5 (4,4)	70 (4,5)	10 (4,6)
99 (5,1)	99 (5,2)	50 (5,3)	90 (5,4)	100 (5,5)	80 (5,6)
10 (6,1)	10 (6,2)	80 (6,3)	100 (6,4)	100 (6,5)	95 (6,6)
0 (7,1)	0 (7,2)	10 (7,3)	100 (7,4)	100 (7,5)	100 (7,6)

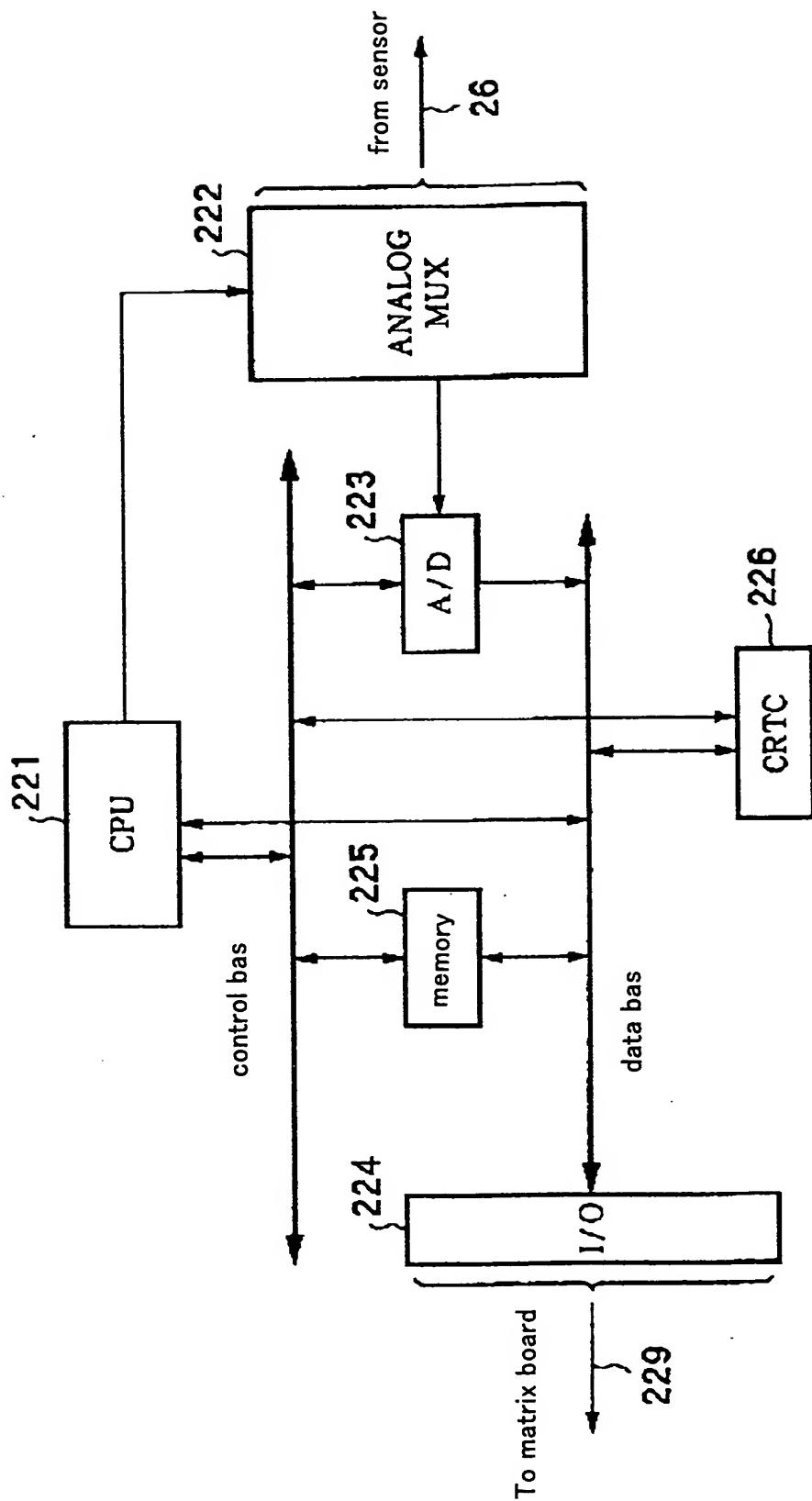
F I G. 24



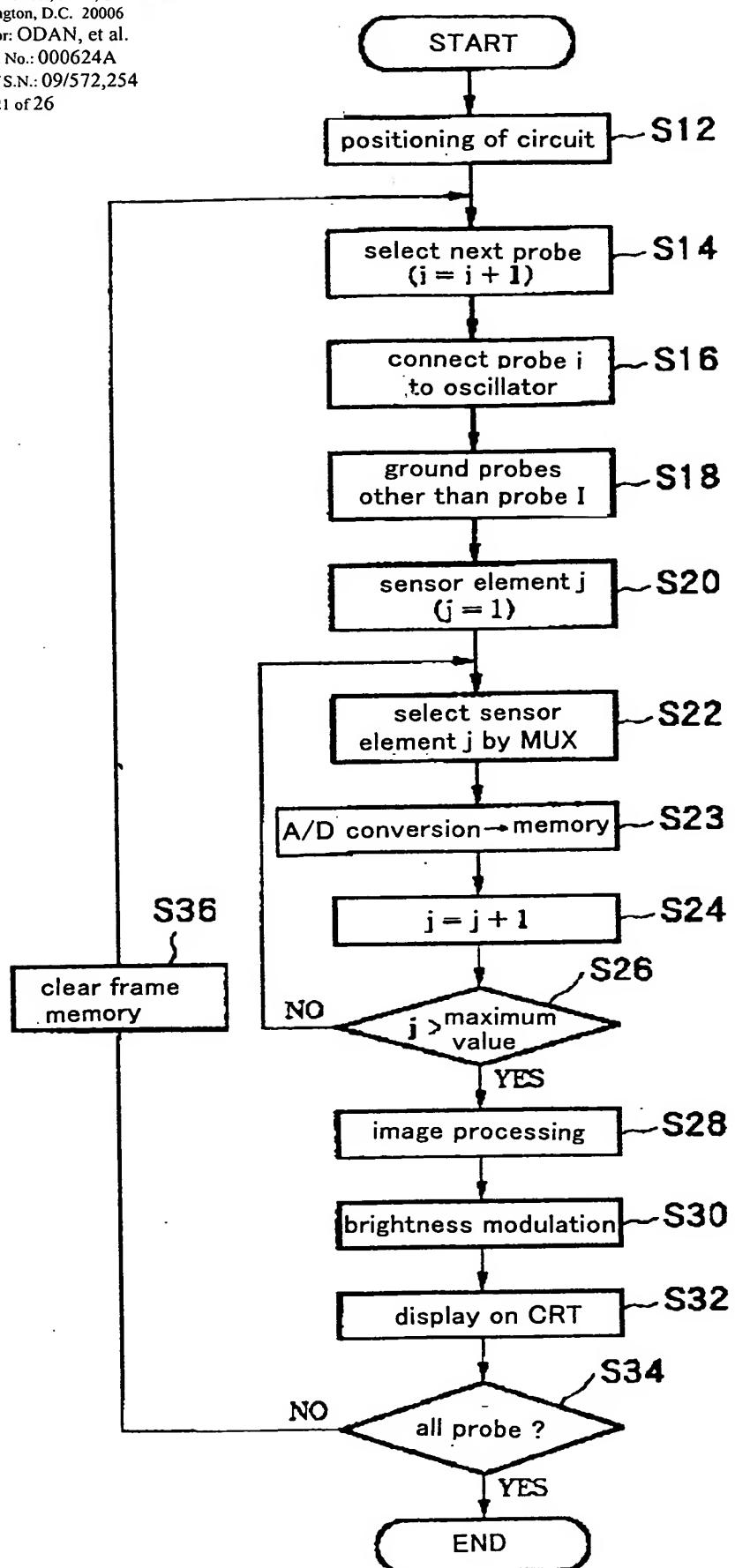
F I G. 25



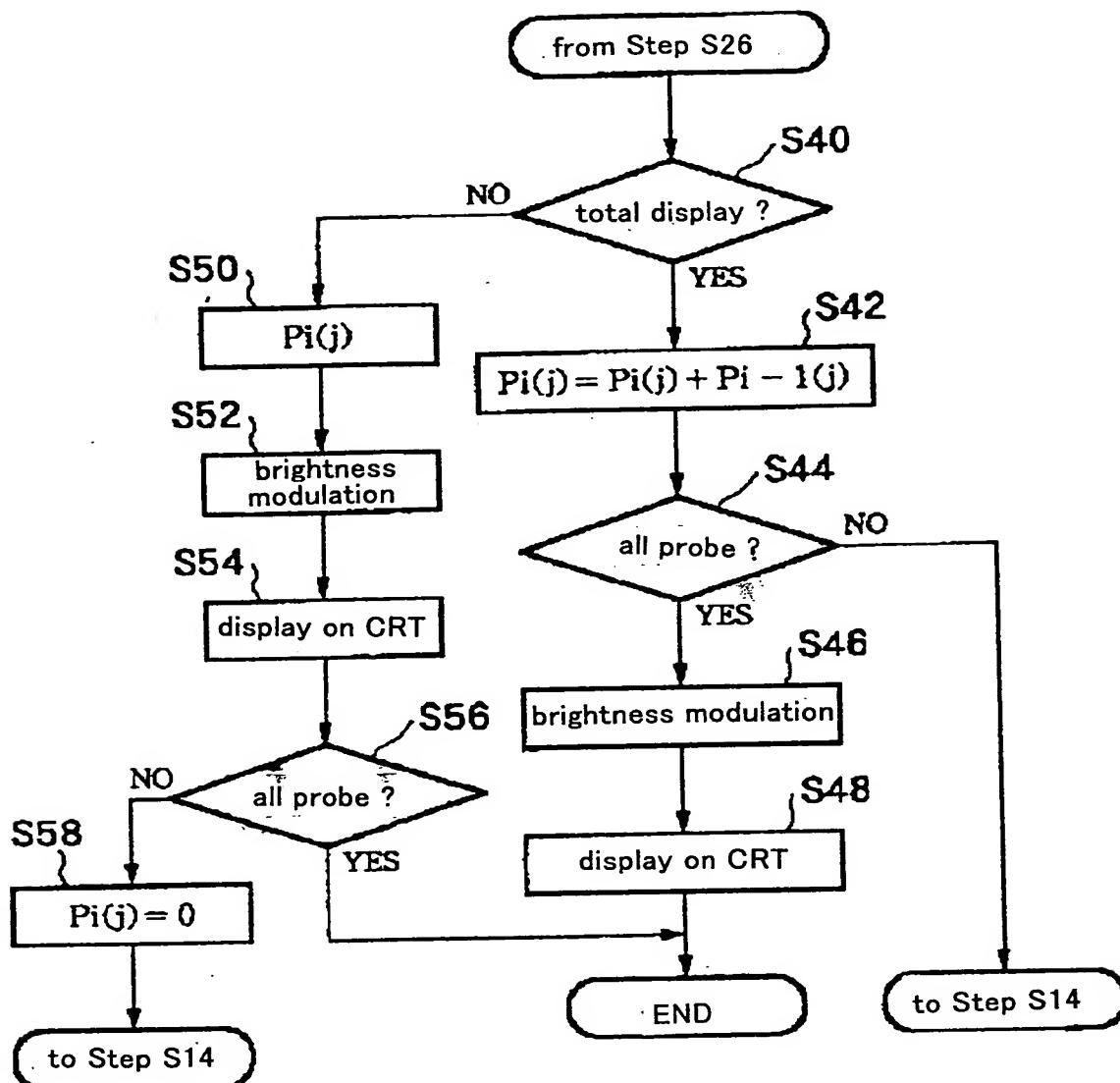
F I G. 26



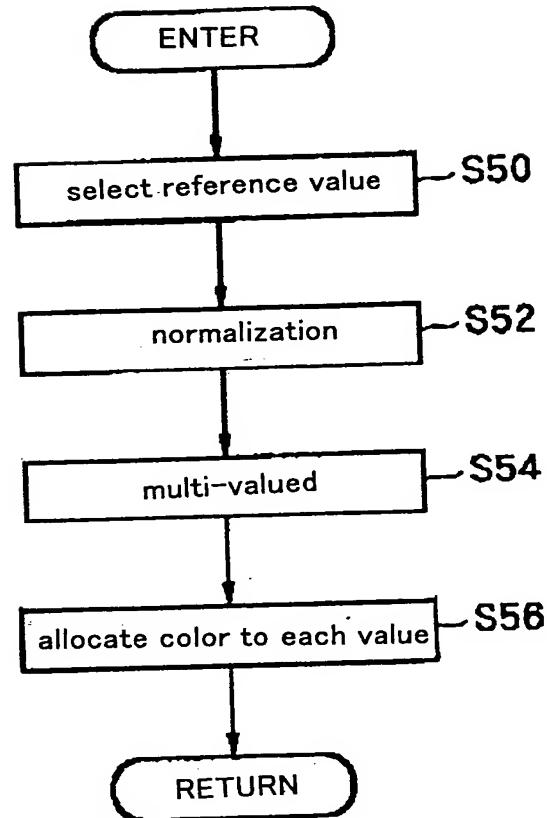
F I G. 27



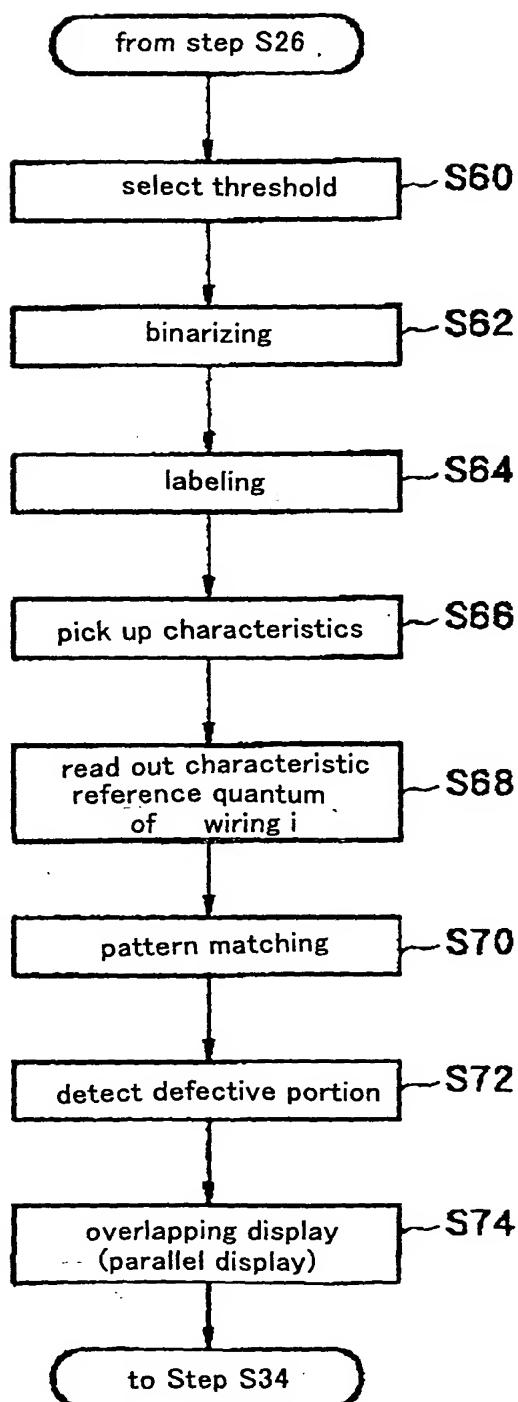
F I G. 28



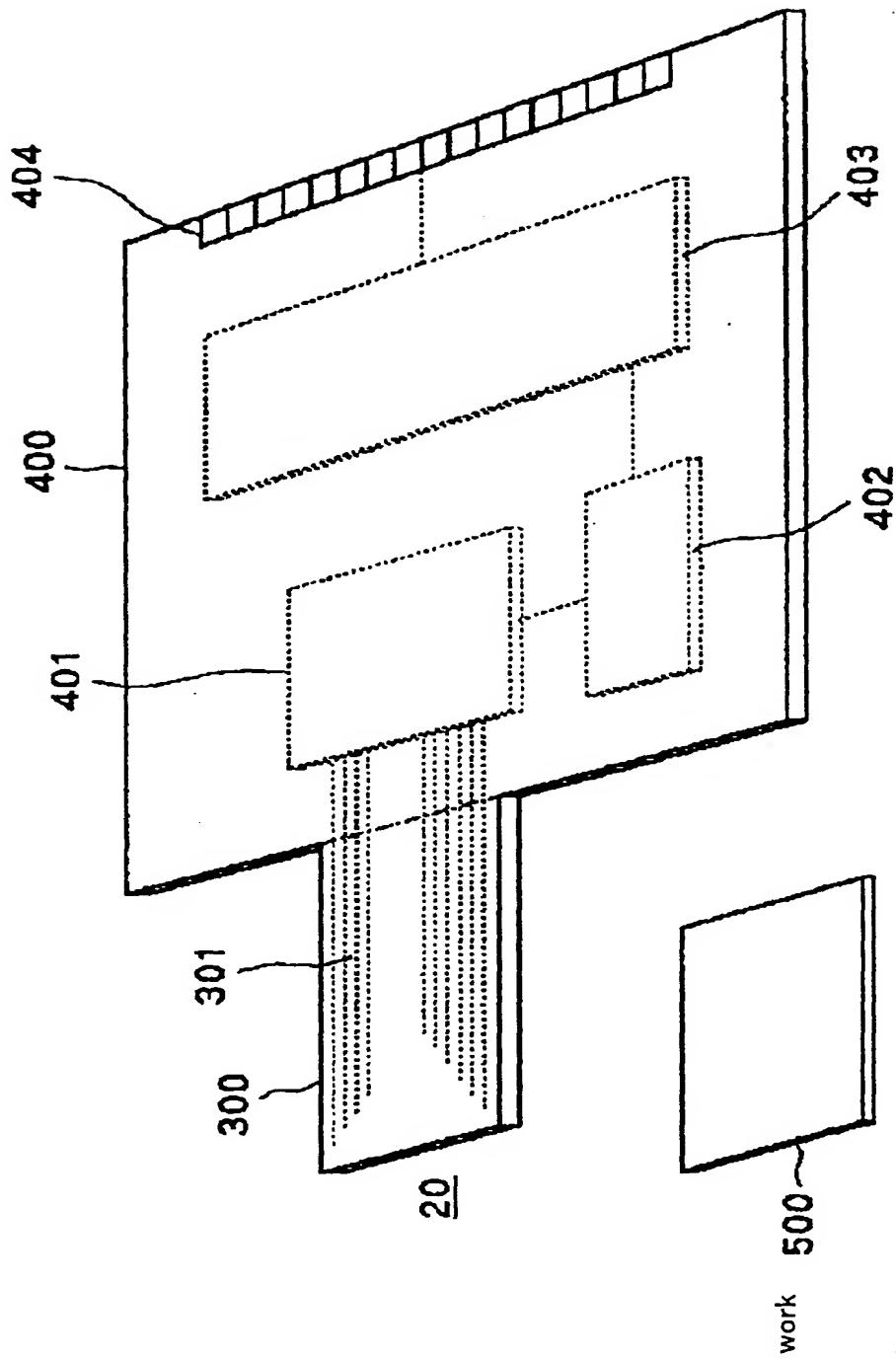
F I G. 2 9



F I G. 3 0



F I G. 31



F I G. 32

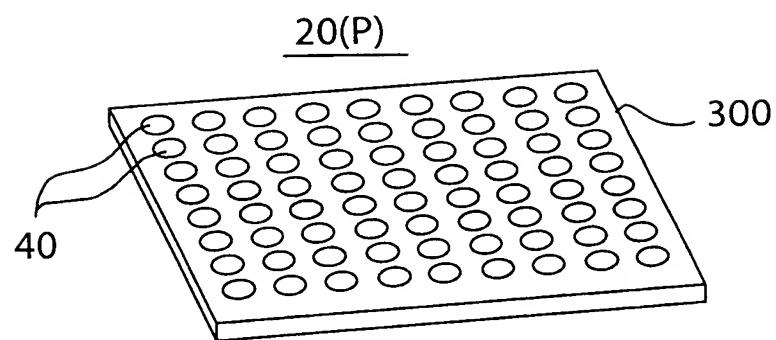


FIG. 33